

FIG. 1

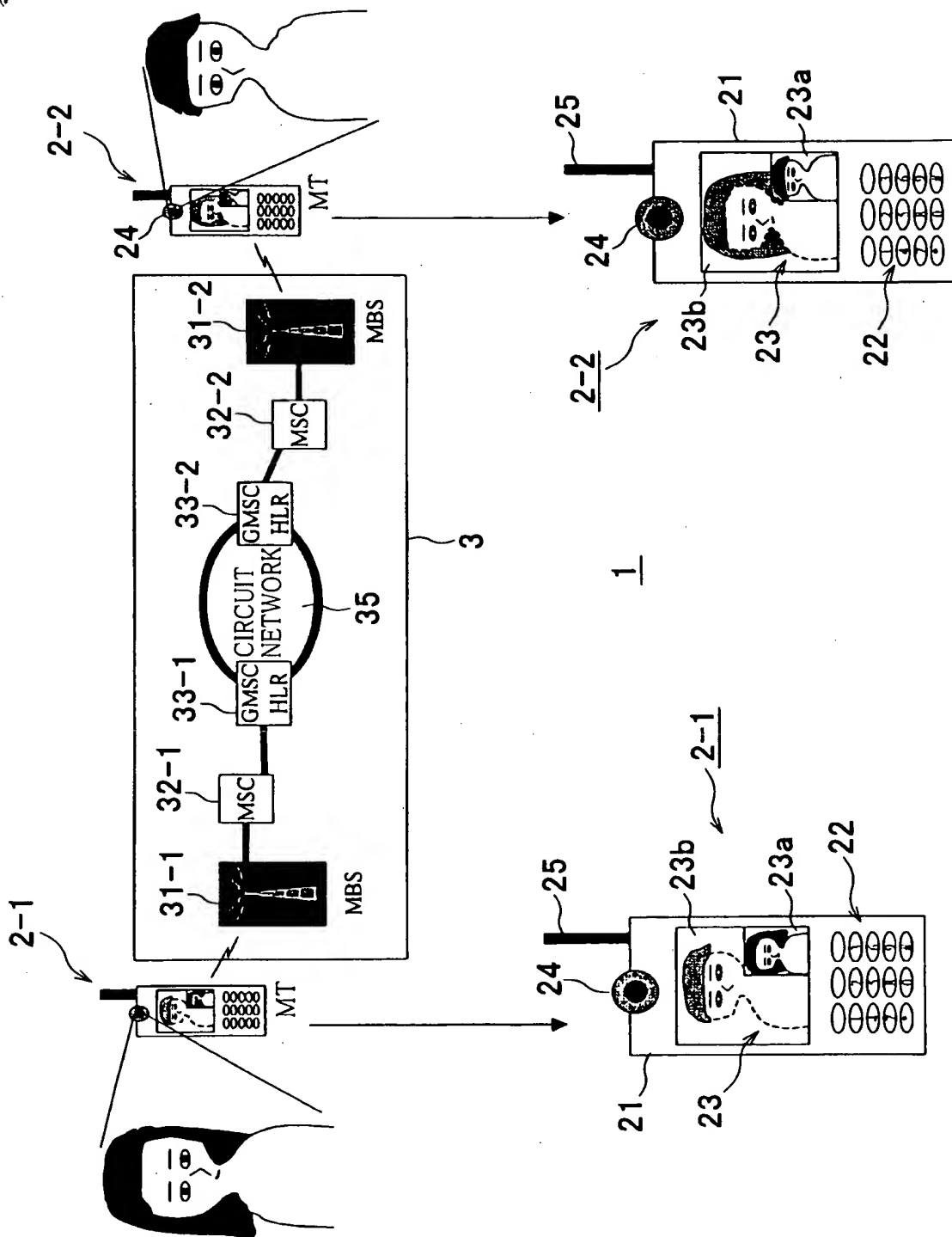


FIG. 2

100

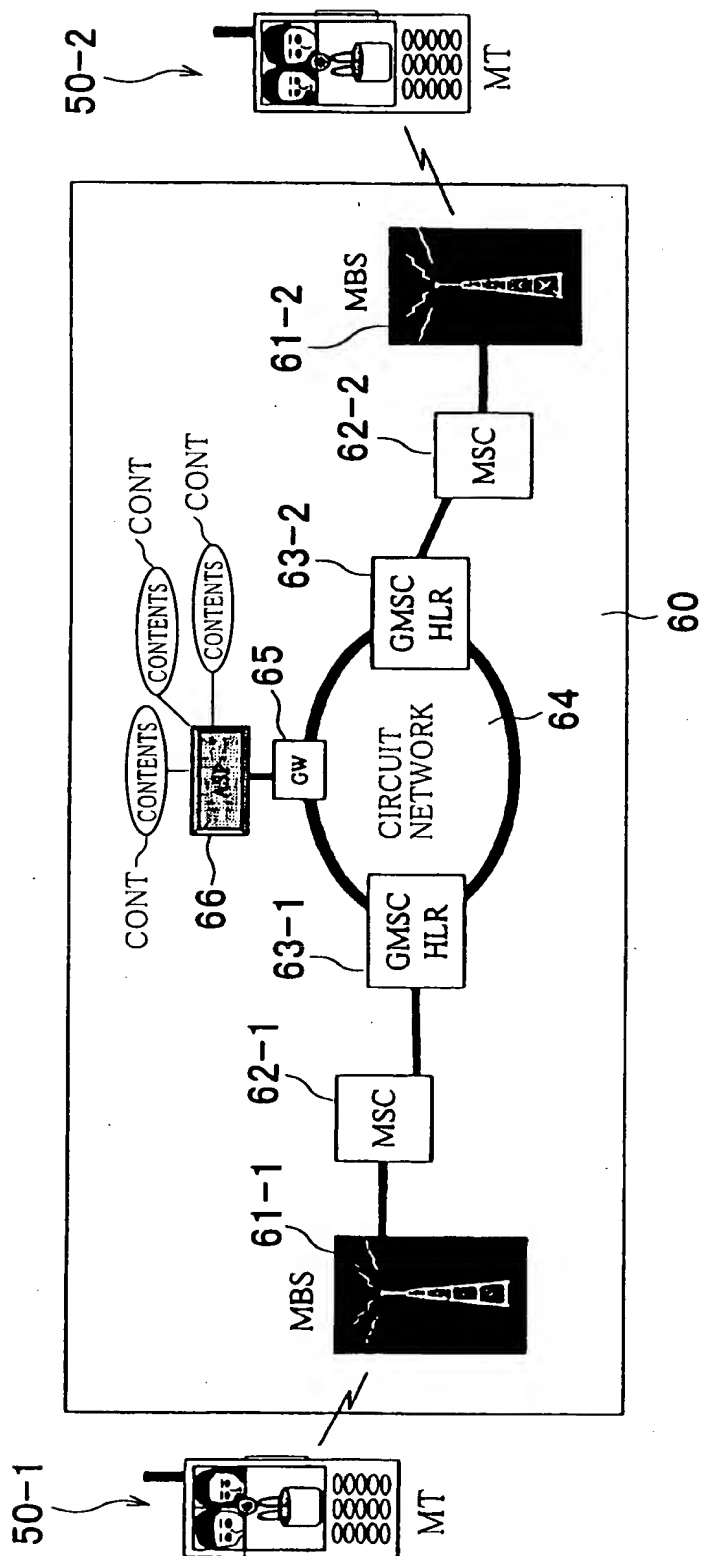


FIG.3

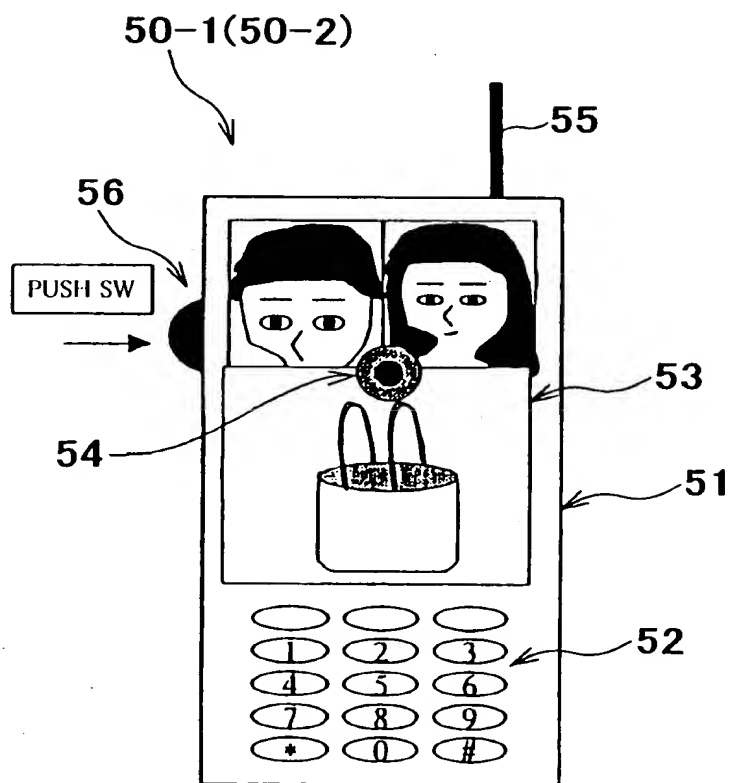


FIG.4

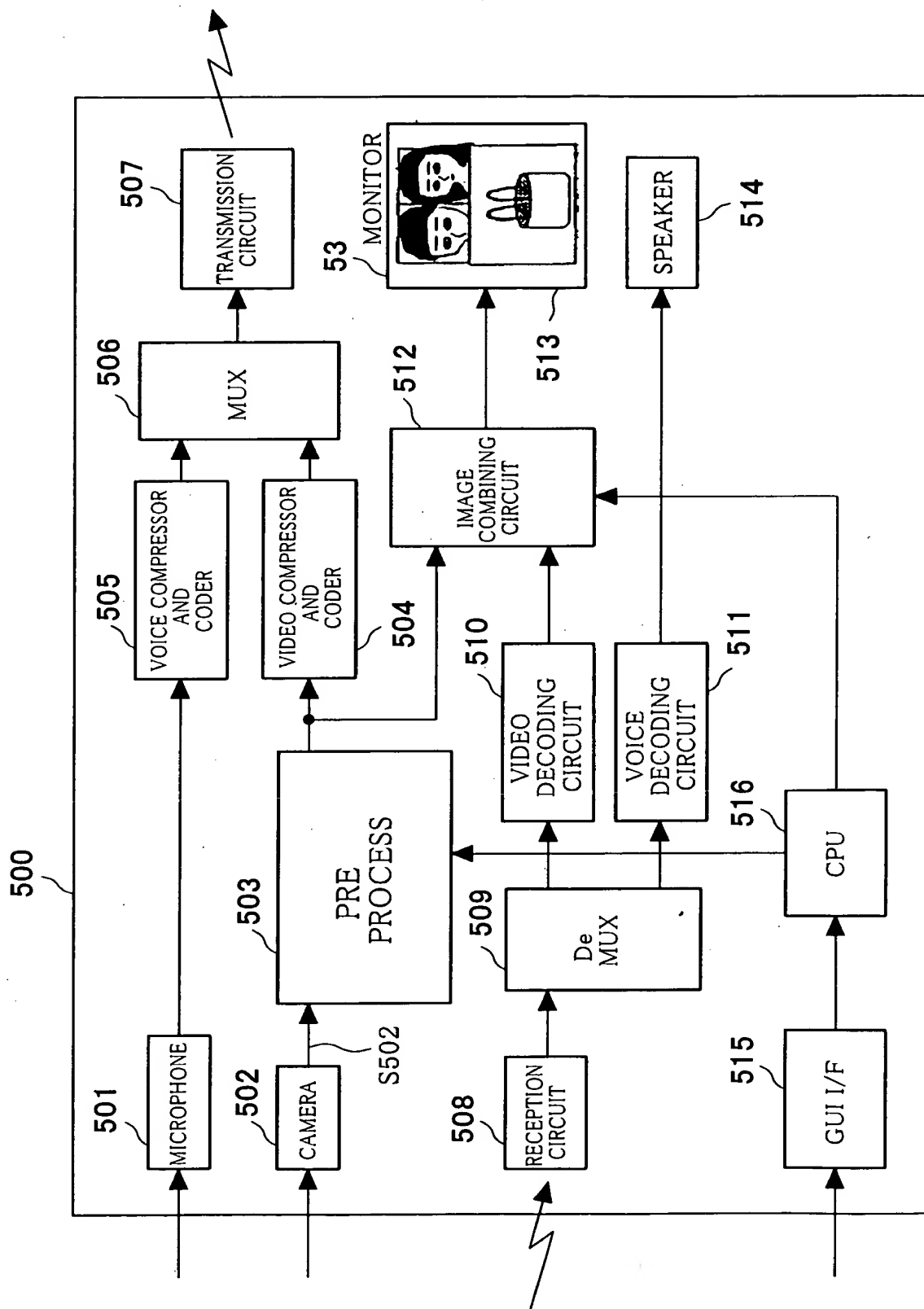


FIG.5

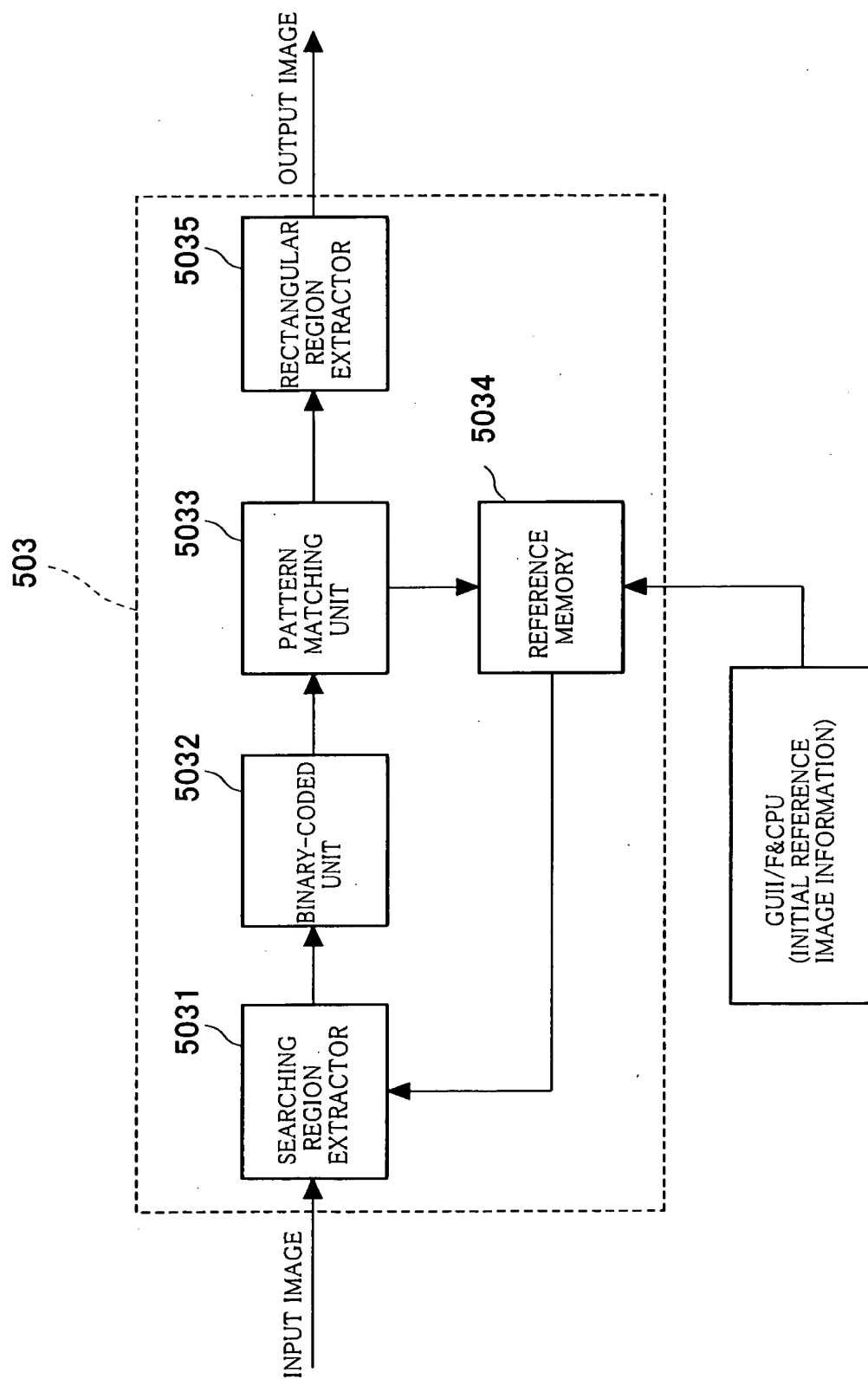


FIG. 6A

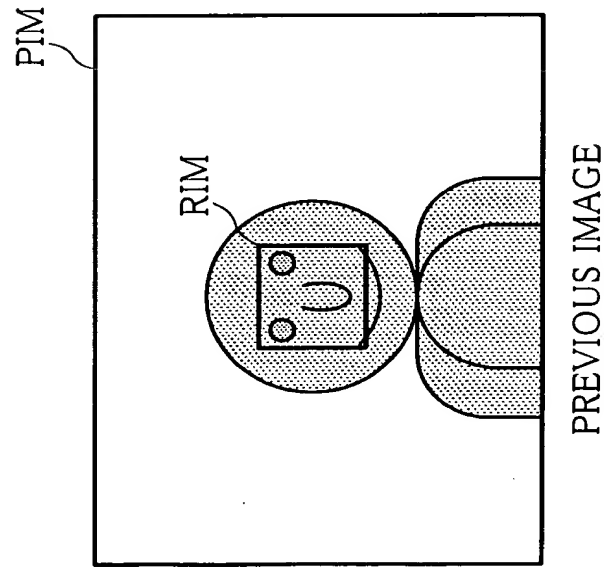


FIG. 6B

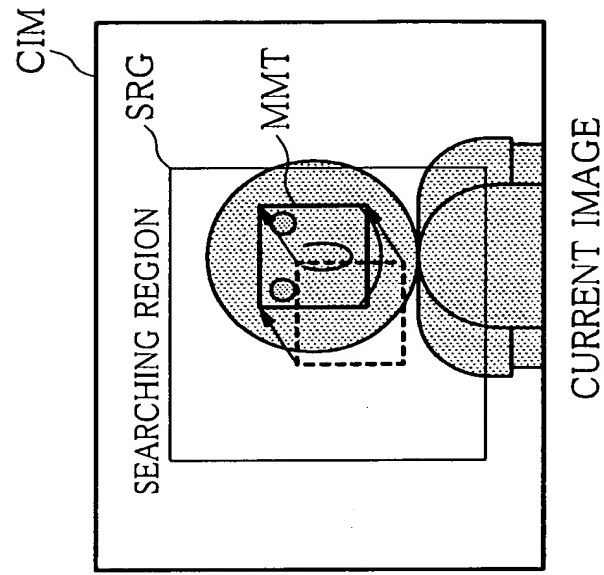
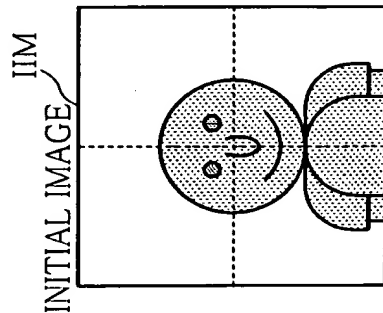
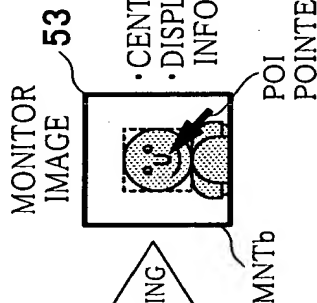


FIG.8A



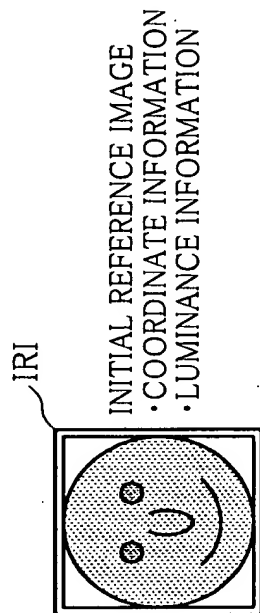
REDUCING

FIG.8B



CUTTING OUT

FIG.8C



MONITORING OF REDUCED IMAGE

FIG.9

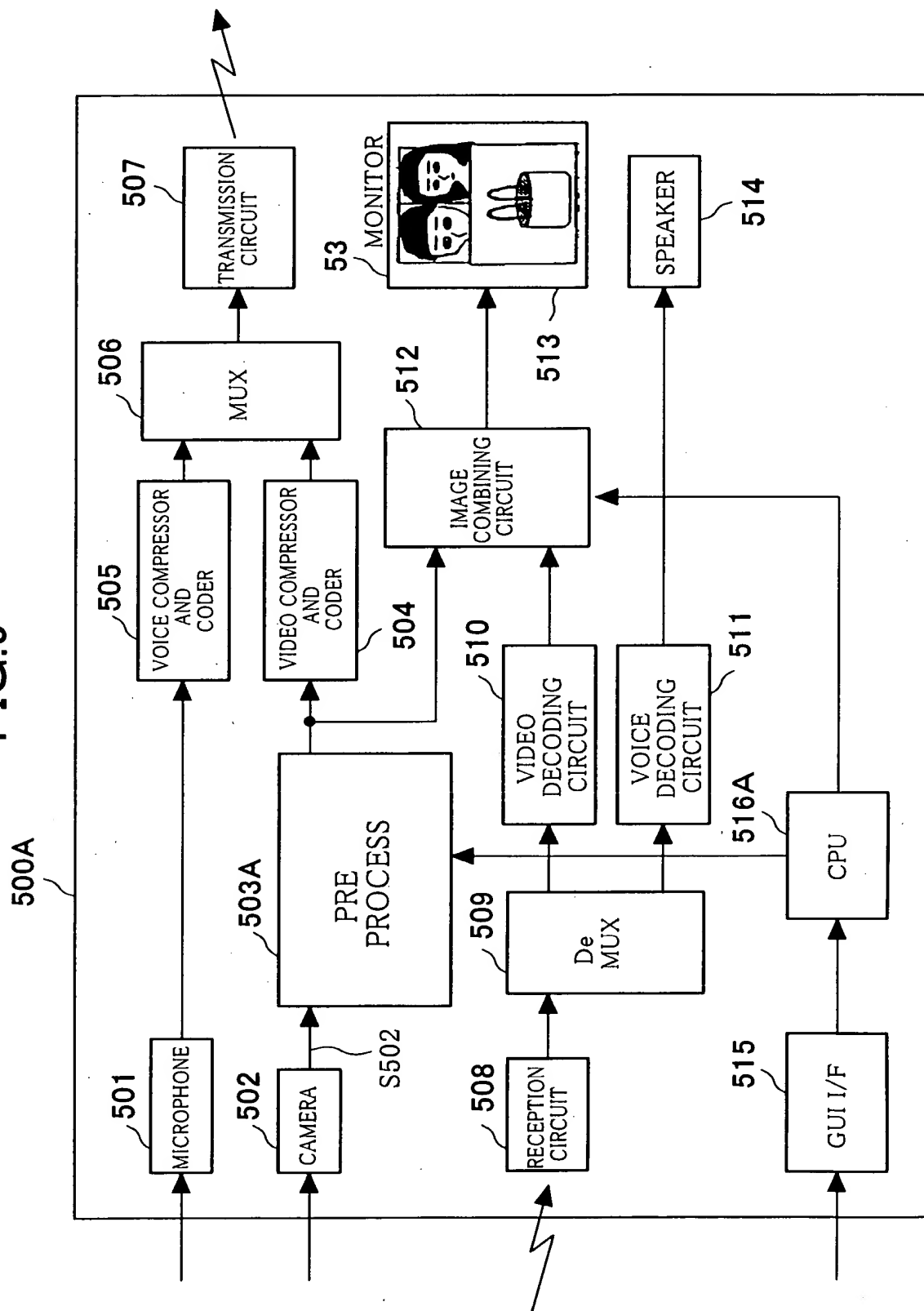
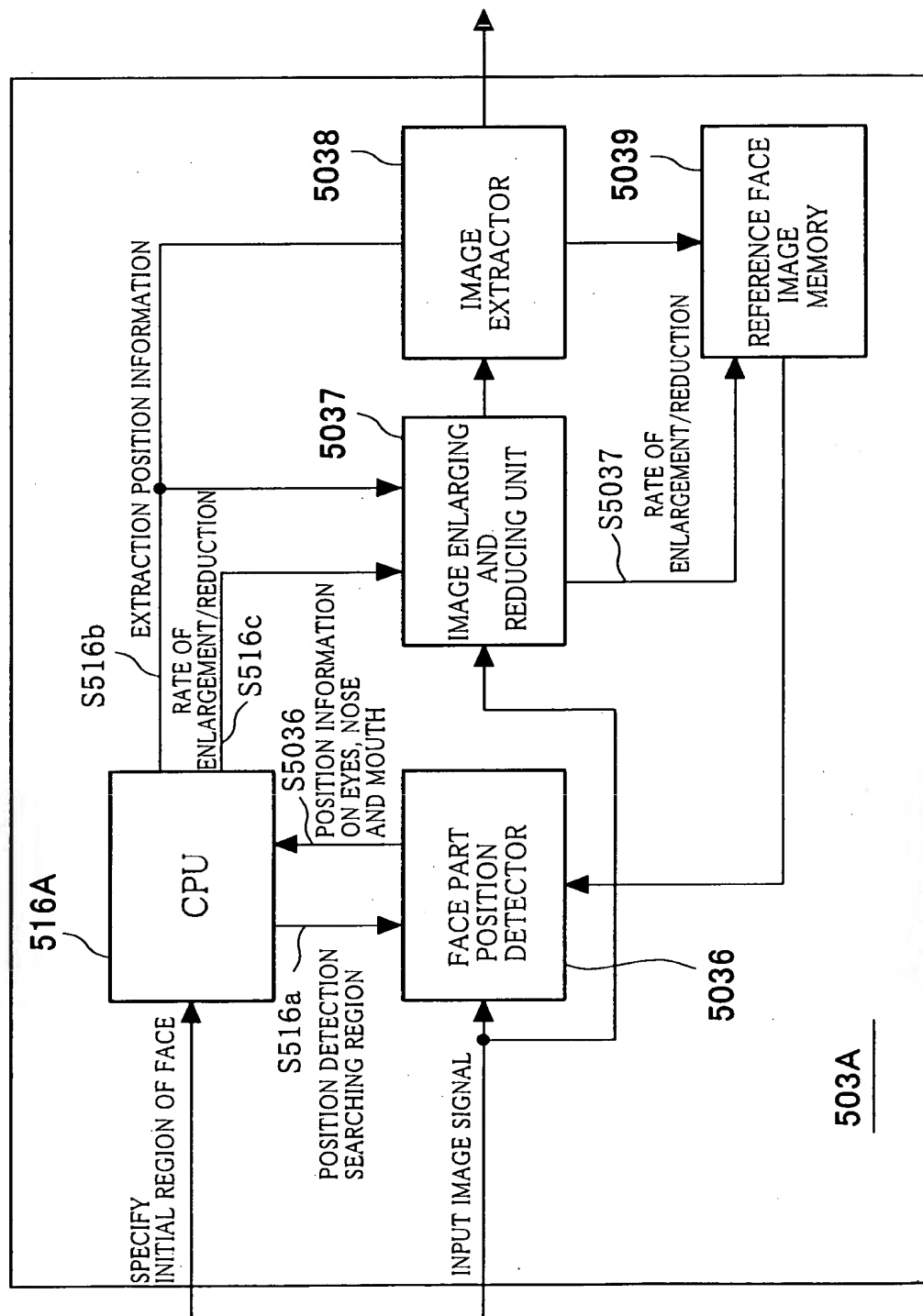
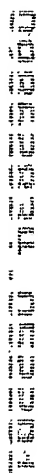


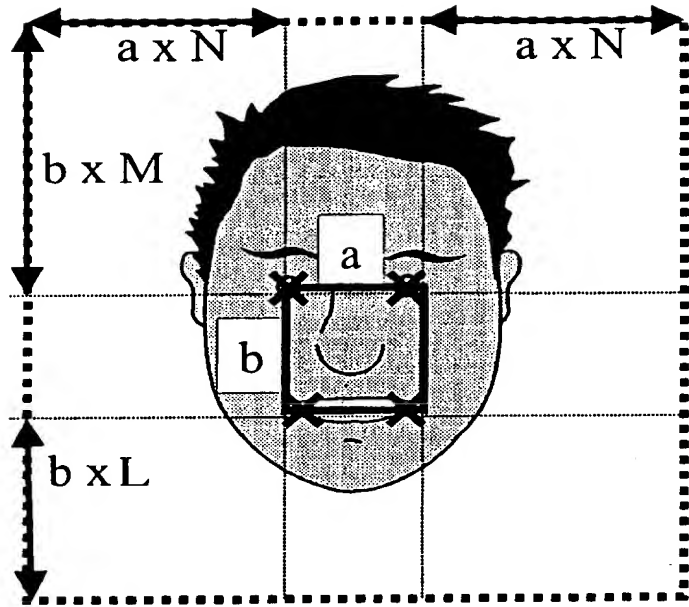
FIG.10





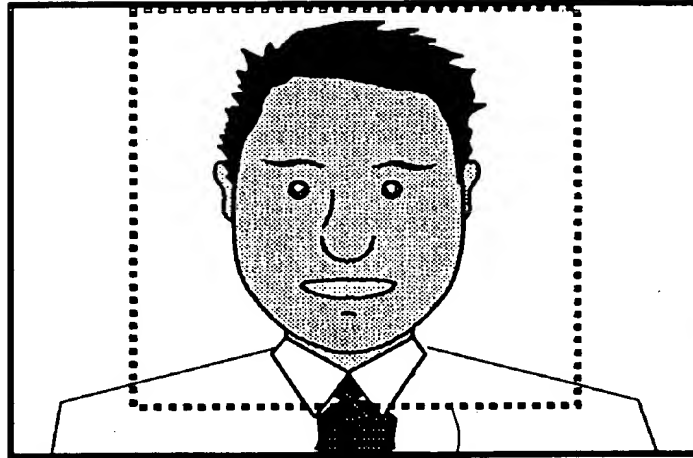
EXAMPLE OF FACE SIZE CALCULATION

FIG.12



EXAMPLE OF FACE PART DETECTION SEARCHING REGION

FIG.13



FACE PART SEARCHING REGION

FIG.14

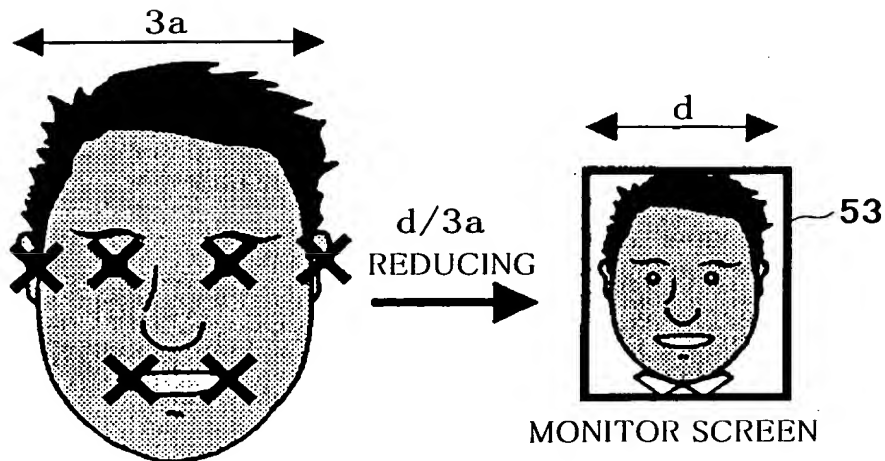


FIG.15

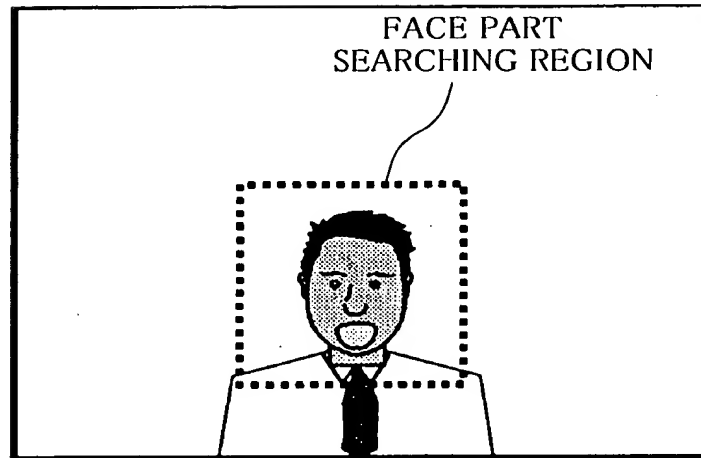


FIG.16

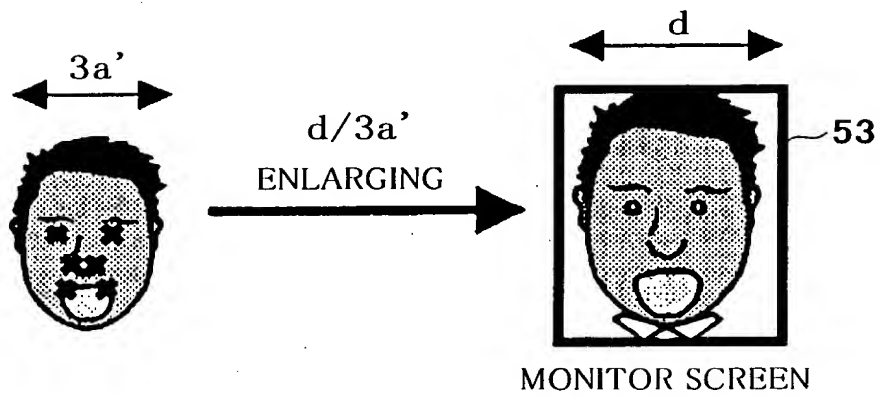


FIG.17

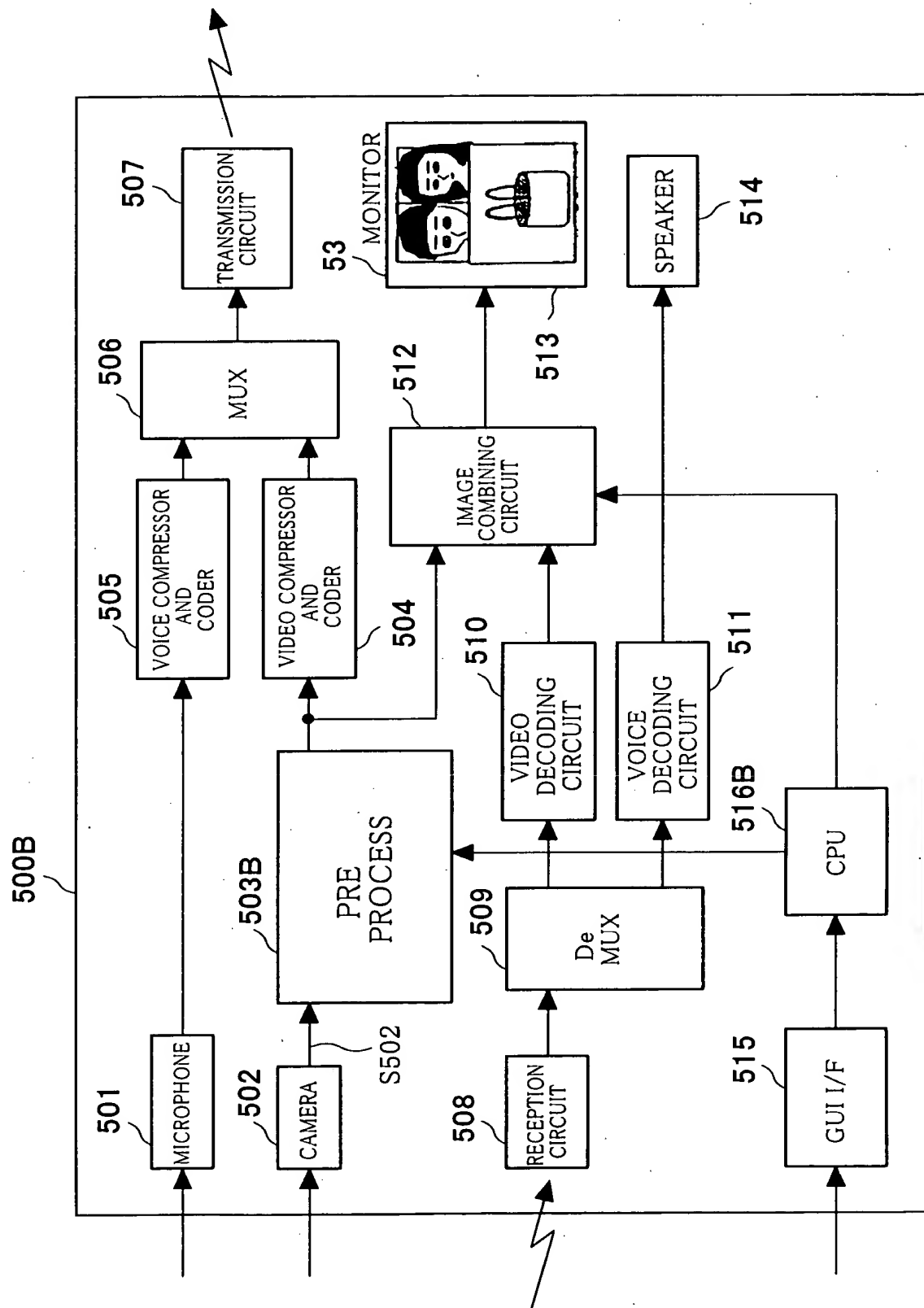


FIG.18

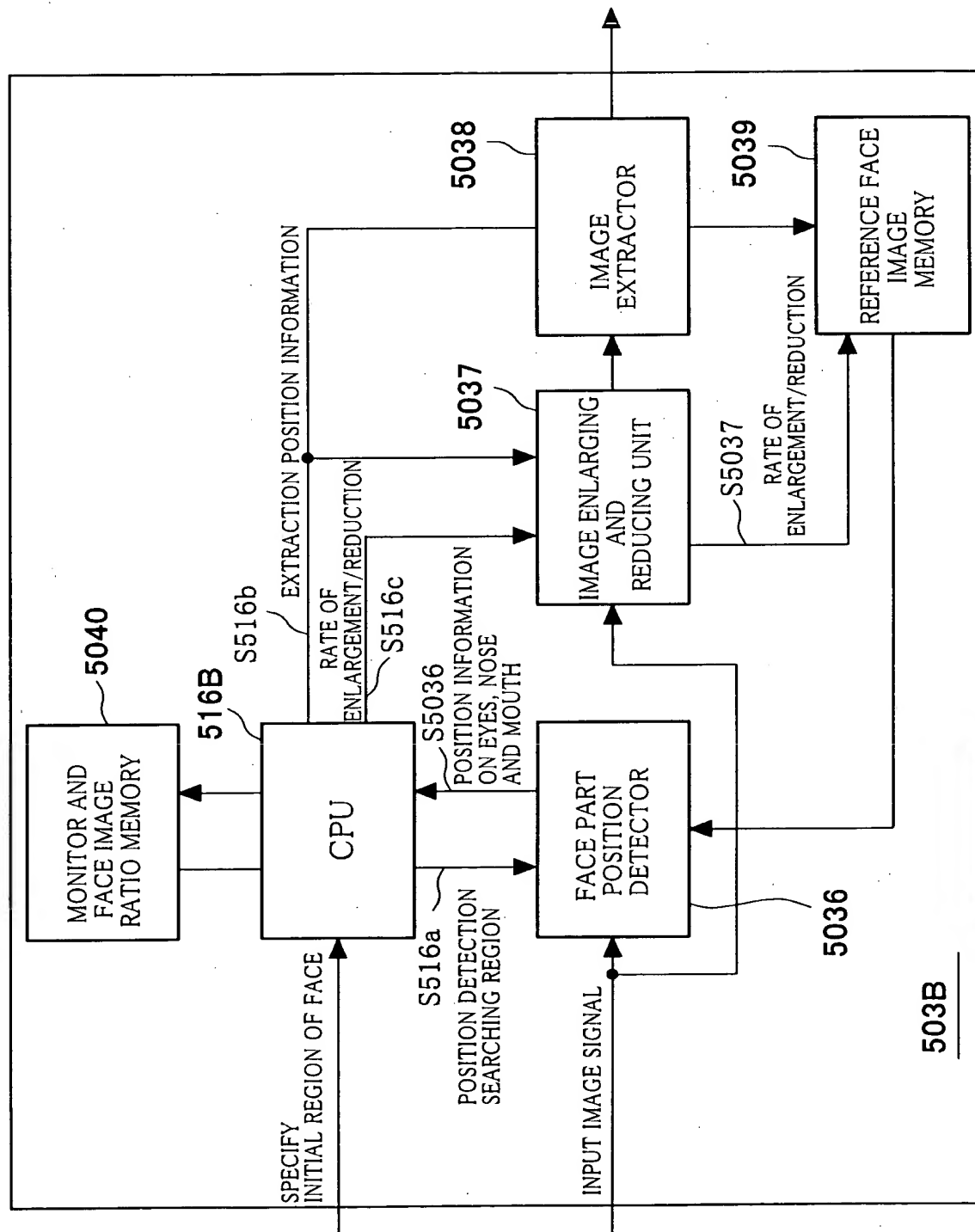


FIG.19

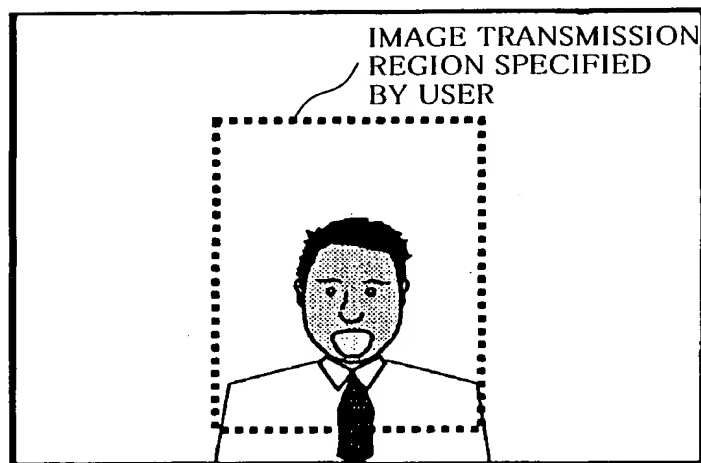


FIG.20

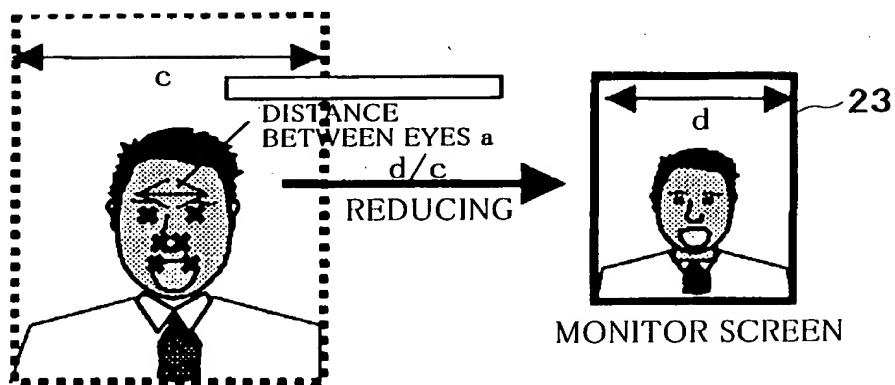
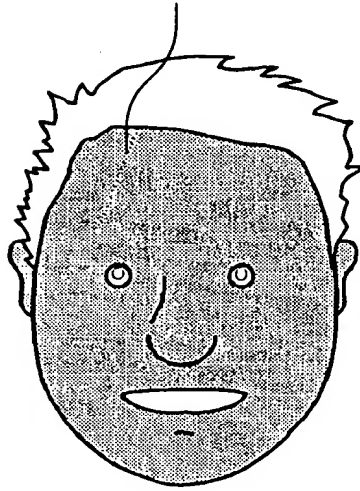


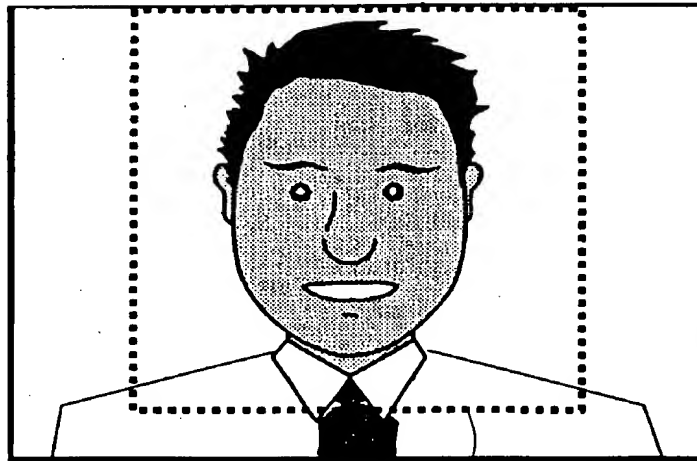
FIG.21

PIXELS IN SPECIFIED INITIAL REGION e



PIXELS OF SKIN COLORS
IN SPECIFIED INITIAL REGION f

FIG.22



FACE PART SEARCHING REGION

FIG.23

